



**Dr. Mark Shearer**

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Web site: [www.hemlockdoctor.com](http://www.hemlockdoctor.com)

Safe and effective,  
personalized,  
surprisingly affordable

Stan Kelley  
Lumpkin County Manager  
99 Courthouse Hill, Suite H  
Dahlonega, GA 30533

November 30, 2015

Dear Stan,

In the spring of 2011, I treated 300 hemlock trees on Lumpkin County property with Imidacloprid, free of charge, to prevent the hemlock woolly adelgid from killing them. These trees are located at the court house, Yahoola Park, reservoir pavilion, and along Ward's Creek. Besides creating buffers and protecting the water quality of waterways near them, the hemlocks add a great deal of natural beauty for the citizens of Lumpkin County and its visitors to enjoy.

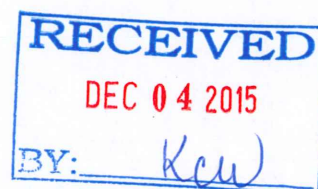
So far, these trees have remained protected from the ravages we are seeing all over north Georgia and up and down the Appalachians. However, the potency of the product used five years ago has now worn off, and the treatment needs to be reapplied this coming year to continue the protection. I will be happy to do it again but not free of charge this time. To treat them in 2016, it will cost \$2,677. This amount is based on a rate of \$1 per diameter inch for an estimated total of 2,677 diameter inches for all the hemlocks that were previously treated, factoring in the normal five-year growth.

Spring is the optimal time for treatment, but any month will suffice. If you would like to get competitive bids, you can check the Contacts page of [www.savegeorgiashemlocks.org](http://www.savegeorgiashemlocks.org) for a list of qualified professionals. All of these individuals have the required pesticide contractor license issued by the State of Georgia and specialize in treating hemlocks. My overriding concern is to keep these beautiful hemlocks alive and healthy for future generations to enjoy.

Sincerely,

Mark Shearer

Attachment: Spreadsheet of trees, 2011 diameters, and locations



## Hemlock Treatment Project Summary 4/1/11

Project performed by Mark Shearer, Hemlock Doctor, 2/26/11 - 3/24/11  
for Lumpkin County and City of Dahlonega

Tag #	DBH	Location
1	12	Courthouse
2	16	Courthouse
3	10	Courthouse
4	21	Courthouse
5	16	Courthouse
6	26	Courthouse
7	36	Courthouse
8	10	Yahoola Park
9	4	Yahoola Park
10	31	Yahoola Park N 34 31 767, W 083 57 438
11	6	Yahoola Park
12	9	Yahoola Park
13	3	Yahoola Park
14	9	Yahoola Park
15	9	Yahoola Park
16	4	Yahoola Park
17	4	Yahoola Park
18	4	Yahoola Park
19	5	Yahoola Park
20	12	Yahoola Park
21	7	Yahoola Park
22	5	Yahoola Park
23	7	Yahoola Park
24	4	Yahoola Park
25	4	Yahoola Park
26	4	Yahoola Park
27	5	Yahoola Park
28	9	Yahoola Park
29	7	Yahoola Park
30	7	Yahoola Park
31	7	Yahoola Park
32	11	Yahoola Park
33	8	Yahoola Park
34	4	Yahoola Park
35	6	Yahoola Park
36	4	Yahoola Park
37	5	Yahoola Park
38	6	Yahoola Park
39	5	Yahoola Park
40	5	Yahoola Park
41	6	Yahoola Park
42	6	Yahoola Park
43	9	Yahoola Park

DBH = trunk diameter at breast height

Totals for courthouse trees

7 trees

137 inches

44	13	Yahoola Park
45	4	Yahoola Park
46	38	Yahoola Park
		Yahoola Park
47	46	N 34 31 780, W 083 57 480
48	5	Yahoola Park
49	4	Yahoola Park
50	5	Yahoola Park
51	4	Yahoola Park
52	7	Yahoola Park
53	4	Yahoola Park
54	4	Yahoola Park
55	6	Yahoola Park
56	14	Yahoola Park
57	5	Yahoola Park
58	5	Yahoola Park
59	4	Yahoola Park
60	6	Yahoola Park
61	5	Yahoola Park
62	7	Yahoola Park
63	7	Yahoola Park
64	6	Yahoola Park
65	4	Yahoola Park
66	10	Yahoola Park
67	4	Yahoola Park
68	6	Yahoola Park
69	4	Yahoola Park
70	5	Yahoola Park
71	6	Yahoola Park
72	5	Yahoola Park
73	4	Yahoola Park
74	6	Yahoola Park
75	5	Yahoola Park
76	6	Yahoola Park
77	5	Yahoola Park
78	5	Yahoola Park
79	12	Yahoola Park
80	6	Yahoola Park
81	6	Yahoola Park
82	5	Yahoola Park
83	4	Yahoola Park
84	6	Yahoola Park
85	5	Yahoola Park
86	5	Yahoola Park
87	4	Yahoola Park
88	10	Yahoola Park
89	5	Yahoola Park
90	4	Yahoola Park
91	5	Yahoola Park

92	4	Yahoola Park
93	4	Yahoola Park
94	6	Yahoola Park
95	4	Yahoola Park
96	4	Yahoola Park
97	2	Yahoola Park
98	13	Yahoola Park
99	5	Yahoola Park
100	7	Yahoola Park
101	4	Yahoola Park
102	4	Yahoola Park
103	4	Yahoola Park
104	4	Yahoola Park
105	21	Yahoola Park
106	10	Yahoola Park
107	13	Yahoola Park
108	9	Yahoola Park
109	5	Yahoola Park
110	4	Yahoola Park
111	7	Yahoola Park
112	15	Yahoola Park
113	6	Yahoola Park
114	4	Yahoola Park
115	16	Yahoola Park
116	8	Reservoir Pavilion
117	15	Reservoir Pavilion
118	12	Reservoir Pavilion
119	11	Reservoir Pavilion
120	13	Reservoir Pavilion
121	13	Reservoir Pavilion
122	9	Reservoir Pavilion
123	11	Reservoir Pavilion
124	16	Reservoir Pavilion
125	15	Reservoir Pavilion
126	7	Reservoir Pavilion
127	16	Reservoir Pavilion
128	9	Reservoir Pavilion
129	11	Reservoir Pavilion
130	7	Reservoir Pavilion
131	4	Reservoir Pavilion
132	9	Reservoir Pavilion
133	11	Reservoir Pavilion
134	15	Reservoir Pavilion
135	4	Reservoir Pavilion
136	6	Reservoir Pavilion
137	11	Reservoir Pavilion
138	7	Reservoir Pavilion
139	6	Reservoir Pavilion
140	7	Reservoir Pavilion

Totals for Yahoola Park trees

108 trees

777 inches

141	4	Reservoir Pavilion
142	7	Reservoir Pavilion
143	11	Reservoir Pavilion
144	7	Reservoir Pavilion
145	5	Reservoir Pavilion
146	11	Reservoir Pavilion
147	7	Reservoir Pavilion
148	15	Reservoir Pavilion
149	10	Reservoir Pavilion
150	14	Reservoir Pavilion
151	7	Reservoir Pavilion
152	5	Reservoir Pavilion
153	7	Reservoir Pavilion
154	15	Reservoir Pavilion
155	14	Reservoir Pavilion
156	10	Reservoir Pavilion
157	13	Reservoir Pavilion
158	8	Reservoir Pavilion
159	8	Reservoir Pavilion
160	10	Reservoir Pavilion
161	5	Reservoir Pavilion
162	10	Reservoir Pavilion
163	7	Reservoir Pavilion
164	6	Reservoir Pavilion
165	5	Reservoir Pavilion
166	7	Reservoir Pavilion
167	6	Reservoir Pavilion
168	6	Reservoir Pavilion
169	9	Reservoir Pavilion
170	8	Reservoir Pavilion
171	6	Reservoir Pavilion
172	5	Reservoir Pavilion
173	21	Reservoir Pavilion
174	15	Reservoir Pavilion
175	9	Reservoir Pavilion
176	11	Reservoir Pavilion
177	4	Reservoir Pavilion
178	11	Reservoir Pavilion
179	6	Reservoir Pavilion
180	7	Reservoir Pavilion
181	5	Reservoir Pavilion
182	7	Reservoir Pavilion
183	8	Reservoir Pavilion
184	5	Reservoir Pavilion
185	5	Reservoir Pavilion
186	5	Reservoir Pavilion
187	6	Reservoir Pavilion
188	6	Reservoir Pavilion
189	4	Reservoir Pavilion



239	7	Ward's Creek
240	6	Ward's Creek
241	4	Ward's Creek
242	6	Ward's Creek
243	4	Ward's Creek
244	4	Ward's Creek
245	8	Ward's Creek
246	13	Ward's Creek
247	4	Ward's Creek
248	5	Ward's Creek
249	7	Ward's Creek
250	10	Ward's Creek
251	7	Ward's Creek
252	6	Ward's Creek
253	16	Ward's Creek
254	6	Ward's Creek
255	9	Ward's Creek
256	5	Ward's Creek
257	9	Ward's Creek
258	7	Ward's Creek
259	7	Ward's Creek
260	11	Ward's Creek
261	13	Ward's Creek
262	7	Ward's Creek
263	16	Ward's Creek
264	7	Ward's Creek
265	10	Ward's Creek
266	9	Ward's Creek
267	6	Ward's Creek
268	4	Ward's Creek
269	8	Ward's Creek
270	7	Ward's Creek
271	6	Ward's Creek
272	8	Ward's Creek
273	7	Ward's Creek
274	7	Ward's Creek
275	6	Ward's Creek
276	9	Ward's Creek
277	6	Ward's Creek
278	9	Ward's Creek
279	12	Ward's Creek
280	6	Ward's Creek
281	5	Ward's Creek
282	14	Ward's Creek
283	7	Ward's Creek
284	20	Ward's Creek
285	7	Ward's Creek
286	11	Ward's Creek
287	7	Ward's Creek

190	7	Reservoir Pavilion
191	9	Reservoir Pavilion
192	5	Reservoir Pavilion
193	9	Reservoir Pavilion
194	6	Reservoir Pavilion
195	7	Reservoir Pavilion
196	5	Reservoir Pavilion
197	4	Reservoir Pavilion
198	6	Reservoir Pavilion
199	9	Reservoir Pavilion
200	7	Reservoir Pavilion
201	5	Reservoir Pavilion
202	10	Reservoir Pavilion
203	9	Reservoir Pavilion
204	10	Reservoir Pavilion
205	6	Reservoir Pavilion
206	11	Reservoir Pavilion
207	8	Reservoir Pavilion
208	9	Reservoir Pavilion
209	8	Reservoir Pavilion
210	9	Reservoir Pavilion
211	11	Reservoir Pavilion
212	9	Reservoir Pavilion
213	9	Reservoir Pavilion
214	6	Reservoir Pavilion
215	7	Reservoir Pavilion
216	11	Reservoir Pavilion
217	6	Reservoir Pavilion
218	7	Reservoir Pavilion
219	10	Reservoir Pavilion
220	4	Reservoir Pavilion
221	4	Reservoir Pavilion
222	6	Reservoir Pavilion
223	6	Reservoir Pavilion
224	6	Ward's Creek
225	5	Ward's Creek
226	4	Ward's Creek
227	5	Ward's Creek
228	6	Ward's Creek
229	5	Ward's Creek
230	14	Ward's Creek
231	10	Ward's Creek
232	8	Ward's Creek
233	10	Ward's Creek
234	8	Ward's Creek
235	10	Ward's Creek
236	8	Ward's Creek
237	7	Ward's Creek
238	14	Ward's Creek

Totals for reservoir pavilion trees  
108 trees                      911 inches

288	7	Ward's Creek
289	5	Ward's Creek
290	5	Ward's Creek
291	10	Ward's Creek
292	6	Ward's Creek
293	10	Ward's Creek
294	10	Ward's Creek
295	8	Ward's Creek
296	7	Ward's Creek
297	6	Ward's Creek
298	8	Ward's Creek
299	4	Ward's Creek
300	7	Ward's Creek

Totals for Ward's Creek trees  
77 trees                      608 inches

		City - south side of reservoir (all in this group are along Wimpy Mill)
301	2	
302	4	City - south side of reservoir
303	3	City - south side of reservoir
304	4	City - south side of reservoir
305	5	City - south side of reservoir
306	7	City - south side of reservoir
307	6	City - south side of reservoir
308	4	City - south side of reservoir
309	5	City - south side of reservoir
310	3	City - south side of reservoir
311	4	City - south side of reservoir
312	4	City - south side of reservoir
313	3	City - south side of reservoir
314	7	City - south side of reservoir
315	2	City - south side of reservoir
316	5	City - south side of reservoir
317	6	City - south side of reservoir
318	4	City - south side of reservoir
319	7	City - south side of reservoir
320	4	City - south side of reservoir
321	3	City - south side of reservoir
322	6	City - south side of reservoir
323	5	City - south side of reservoir
324	5	City - south side of reservoir
325	4	City - south side of reservoir
326	3	City - south side of reservoir
327	3	City - south side of reservoir
328	7	City - south side of reservoir
329	6	City - south side of reservoir
330	5	City - south side of reservoir
331	4	City - south side of reservoir
332	4	City - south side of reservoir
333	5	City - south side of reservoir
334	8	City - south side of reservoir



335	5	City - south side of reservoir
336	4	City - south side of reservoir
337	9	City - south side of reservoir
338	6	City - south side of reservoir
339	6	City - south side of reservoir
340	26	City - south side of reservoir N 34 32 751, W 083 58 554
341	6	City - south side of reservoir
342	9	City - south side of reservoir
343	11	City - south side of reservoir
344	20	City - south side of reservoir
345	8	City - south side of reservoir
346	4	City - south side of reservoir
347	16	City - south side of reservoir
348	4	City - south side of reservoir
349	6	City - south side of reservoir
350	4	City - south side of reservoir
351	3	City - south side of reservoir
352	4	City - south side of reservoir
353	10	City - south side of reservoir
354	3	City - south side of reservoir
355	7	City - south side of reservoir
356	5	City - south side of reservoir
357	6	City - south side of reservoir
358	3	City - south side of reservoir
359	9	City - south side of reservoir
360	11	City - south side of reservoir
361	8	City - south side of reservoir
362	6	City - south side of reservoir
363	8	City - south side of reservoir
364	3	City - south side of reservoir
365	3	City - south side of reservoir
366	4	City - south side of reservoir
367	17	City - south side of reservoir
368	9	City - south side of reservoir
369	11	City - south side of reservoir
370	7	City - south side of reservoir
371	5	City - south side of reservoir
372	6	City - south side of reservoir
373	12	City - south side of reservoir
374	5	City - south side of reservoir
375	5	City - south side of reservoir
376	4	City - south side of reservoir
377	3	City - south side of reservoir
378	5	City - south side of reservoir
379	12	City - south side of reservoir
380	6	City - south side of reservoir
381	5	City - south side of reservoir
382	7	City - south side of reservoir

383	33	City - south side of reservoir
384	10	City - south side of reservoir
385	7	City - south side of reservoir
386	8	City - south side of reservoir
387	7	City - south side of reservoir
388	4	City - south side of reservoir
389	4	City - south side of reservoir
390	5	City - south side of reservoir
391	6	City - south side of reservoir
392	6	City - south side of reservoir
393	6	City - south side of reservoir
394	5	City - south side of reservoir
395	6	City - south side of reservoir
396	5	City - south side of reservoir
397	4	City - south side of reservoir
398	4	City - south side of reservoir
399	6	City - south side of reservoir
400	5	City - south side of reservoir
401	4	City - south side of reservoir
402	5	City - south side of reservoir
403	22	City - south side of reservoir
404	6	City - south side of reservoir
405	8	City - south side of reservoir
406	5	City - south side of reservoir
407	5	City - south side of reservoir
408	5	City - south side of reservoir
409	6	City - south side of reservoir
410	4	City - south side of reservoir
411	19	City - south side of reservoir
412	6	City - south side of reservoir
413	28	City - south side of reservoir N 34 32 661, W 083 56 689
414	4	City - south side of reservoir
415	8	City - south side of reservoir
416	15	City - south side of reservoir
417	4	City - south side of reservoir
418	4	City - south side of reservoir
419	6	City - south side of reservoir
420	7	City - south side of reservoir
421	6	City - south side of reservoir
422	23	City - south side of reservoir
423	17	City - south side of reservoir
424	19	City - south side of reservoir
425	26	City - south side of reservoir 20 yds east of tree 413
426	26	City - south side of reservoir 25 yds east of tree 413
427	20	City - south side of reservoir
428	6	City - south side of reservoir

429	7	City - south side of reservoir		
430	27	City - south side of reservoir 40 yds east of tree 413		
431	23	City - south side of reservoir		
432	8	City - south side of reservoir		
433	6	City - south side of reservoir		
434	5	City - south side of reservoir		
435	6	City - south side of reservoir		
436	17	City - south side of reservoir		
437	4	City - south side of reservoir		
438	7	City - south side of reservoir	Totals for city trees	
			138 trees	1068 inches
439	14	57 S Grove St		
440	12	57 S Grove St		
441	70	259 N Church St		
442	32	315 N Church St		
443	40	175 N Grove St*	Totals for other city trees	
444	31	N Chestatee St	6 trees	199 inches

\* This one tree was treated with 500 grams of Safari; all others were treated with Imidacloprid.

**Totals for County**

\$360.96 Chemicals      \$3649.50 Labor      300 trees      2433 inches

**Totals for City**

\$284.04 Chemicals      \$2238.50 Labor      144 trees      1267 inches

**Grand Totals**

\$645 Chemicals      \$5888 Labor      444 trees      3700 inches

All labor and chemicals were donated by Mark Shearer, 37 Woody Bend, Dahlonega, GA 30533.